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## Patent Abstracts of Japan

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APPLICANT : MINOLTA CO LTD;

INVENTOR : FUKUDA HIROYUKI;

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TITLE : TONER FOR DEVELOPING ELECTROSTATIC LATENT IMAGE

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a toner for developing an electrostatic latent image excellent in flowability and not causing defective cleaning in spite of fine spherical particles by incorporating two kinds of specified inorg. fine particles.

SOLUTION: Toner particles contg. at least a colorant and a binder resin are mixed with additives to obtain the objective toner for developing an electrostatic latent image. The volume average particle diameter of the toner particles is 3-7 $\mu$ m, the shape factor(SF1) of the toner particles represented by the equation  $SF1=[100\pi \times (\max. length)^2]/[4 \times (area)]$  is 100-130 and the additives are hydrophobic inorg. particles A having 5-70nm number average particle diameter and inorg. particles B including  $\leq 20\%$  by number of particles each having  $\leq 1,000$ nm particle diameter. In the equation, max. length means the mean value of the max. lengths in the projected images of the toner particles and area means the mean value of the projection areas of the toner particles.

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